MEDIALINK

300Mbps Wireless N USB Adapter
User Guide

Simple Setup	Enhanced Performance	Advanced Security
3 Simple Steps To Install This Product Quickly And With Ease	Wireless Connection Speed Of Up To 300Mbps 2.4 GHz Wireless Technology	Effectively Protect Your Wireless Network With WPA / WPA2 Encryption

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All the photos and product specifications mentioned in this guide are for references only. Upgrades of software and hardware may occur, and if there are changes, Medialink is not responsible for notifying in advance. If you would like to know more about our product information, please visit our website at www.MedialinkProducts.com

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Chapter 1 Product Introduction

Thank you for choosing this Medialink wireless adapter!

The Medialink wireless adapter supports IEEE wireless standards, and is able to quickly process file transfer, video, multi-media and other applications that require higher bandwidth.

1.1 Package Contents

- One Wireless network adapter
- One Software CD (includes user guide and driver)
- One Quick Installation Guide

1.2 LED Indicator Description

There is one status LED indicator on the side of the wireless network adapter. It lights up and stays ON when working correctly, and flashes when transferring data.

1.3 Product Features

- Detects wireless network and adjusts transmitting rate automatically
- Provides two working modes: Infrastructure and Ad-Hoc
- Supports WEP data encryption and WPA-PSK/WPA2-PSK encryption methods
- Supports Windows 7/Vista/XP, Linux, MAC OS.

1.4 Product Usage

This Medialink Wireless Adapter offers a fast, reliable and extendable solution for wireless access.
It is mostly used in the following circumstances:

1. Allows a computer that does not have an internal wireless adapter to connect to a wireless access point, router, or hot spot. Most desktop computers do not have a wireless adapter built-in.
2. Can be used to upgrade an internal wireless adapter to 802.11n wireless transfer speeds up to 300Mbps.
3. Can be used to replace an internal wireless adapter that has malfunctioned.
4. Cannot be used with devices that are not computers such as: BluRay Players, Printers, TVs, Media Players, DVRs, etc.

1.5 Before Installation

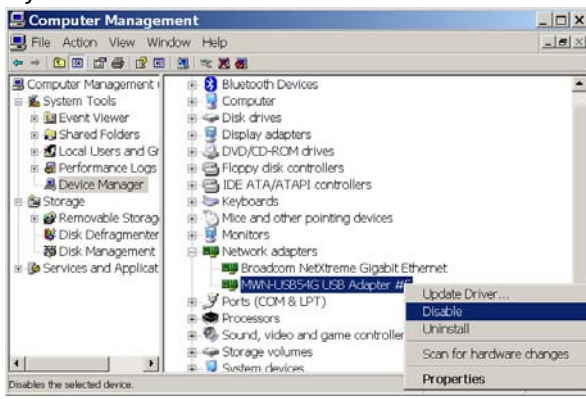
1.Please read through the whole user guide before you install and use this product.
2. If you are replacing a wireless adapter, please disable, close or uninstall the drivers and configuration programs of other manufacturers' before you install the Medialink network adapter to avoid possible conflict.
3. If you have security software such as Firewall programs (apart from the Windows Firewall), consult your software

manufacturer for steps to allow this network adapter to be installed successfully.

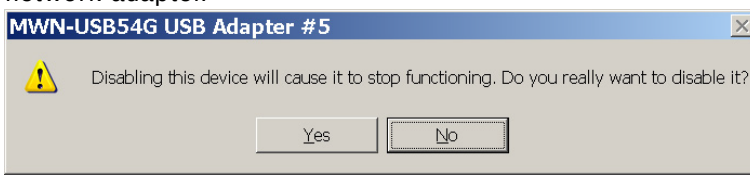
1.6 Disable other manufacturers' wireless network adapters

1. Right click "My Computer" or "Computer" and select "Manage"

2. On the Computer Management screen, select " Device Manager" - "Network adapters", and right click the network adapter you want to disable and click "Disable"



3. Click the "Yes" button on the dialogue box to disable the network adapter.



1.7 Product Maintenance

1. Please keep the product away from water and humid environments.

2. Protect it against hazardous substances (such as acids, alkalis etc).
3. Do not directly expose the adapter to the sunlight for extended periods of time or excessive heat.
4. Please contact Medialink Customer Support if any problems occur.

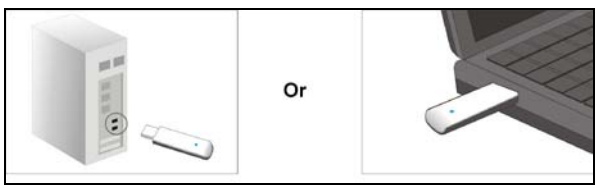
Chapter 2 Installation Guide

This chapter will guide you through the process of installing the network adapter with the included CD.
The driver installation steps and operating guide in this user guide are explained using Windows XP. Installation steps for other operating systems are very similar.

2.1 Hardware Installation

2.1.1 Insert the USB network adapter

Please insert the Wireless USB Adapter into the USB port of your computer.



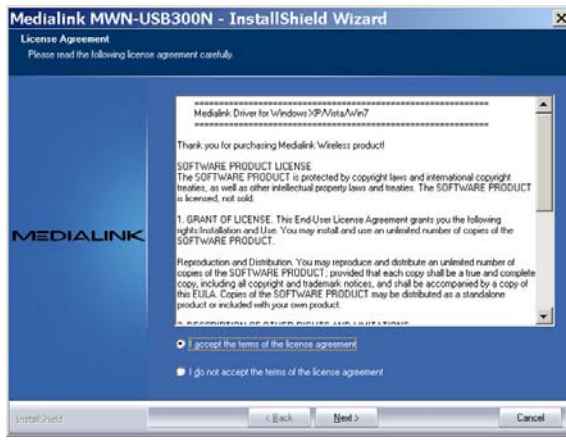
2.2 Driver Installation

2.2.1 When The “Found New Hardware Wizard” system dialogue pops up, select ”Cancel” and use the included Setup Wizard software CD for installation.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

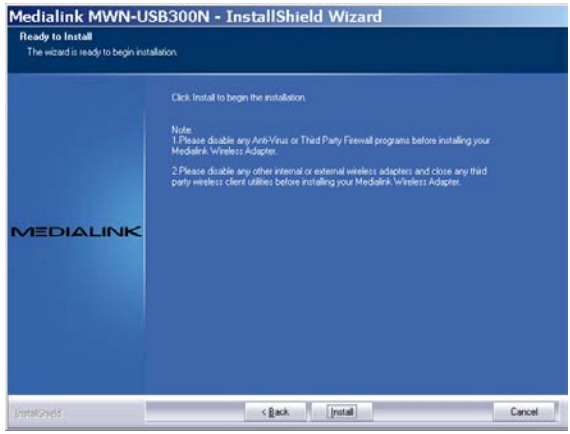
2.2.2 Put the included software CD into the CD drive of your computer ,and the driver should run automatically , a Welcome screen should pop up, just click “Install Software”. (If the Welcome screen does not appear, click Start then double click “My Computer” then double click “Medialink” which should be your CD Rom drive).

2.2.3 Select “I accept the terms of the license agreement” and click “Next”.


Medialink MWN-USB300N - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
MEDIALINK
Medialink Driver for Windows XP/Vista/Win7
Thank you for purchasing Medialink Wireless product!
SOFTWARE PRODUCT LICENSE
The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.
1. GRANT OF LICENSE. This End-User License Agreement grants you the following rights:Installation and Use. You may install and use an unlimited number of copies of the SOFTWARE PRODUCT.
Reproduction and Distribution. You may reproduce and distribute an unlimited number of copies of the SOFTWARE PRODUCT; provided that each copy shall be a true and complete copy, including all copyright and trademark notices, and shall be accompanied by a copy of this EULA. Copies of the SOFTWARE PRODUCT may be distributed as a standalone product or included with your own product.
I accept the terms of the license agreement
I do not accept the terms of the license agreement
InstallShield
< Back
Next >
Cancel

2.2.4 “Install driver only” will be selected. Click Next.

2.2.5 Click “Install” to begin the driver installation. This may take several minutes.


Medialink MWN-USB300N - InstallShield Wizard
Ready to Install
The wizard is ready to begin installation.
Click Install to begin the installation.
Note:
1.Please disable any Anti-Virus or Third Party Firewall programs before installing your Medialink Wireless Adapter.
2.Please disable any other internal or external wireless adapters and close any third party wireless client utilities before installing your Medialink Wireless Adapter.
MEDIALINK
InstallShield
< Back
Install
Cancel

2.2.6 Click “Finish” to complete the installation and restart your computer.

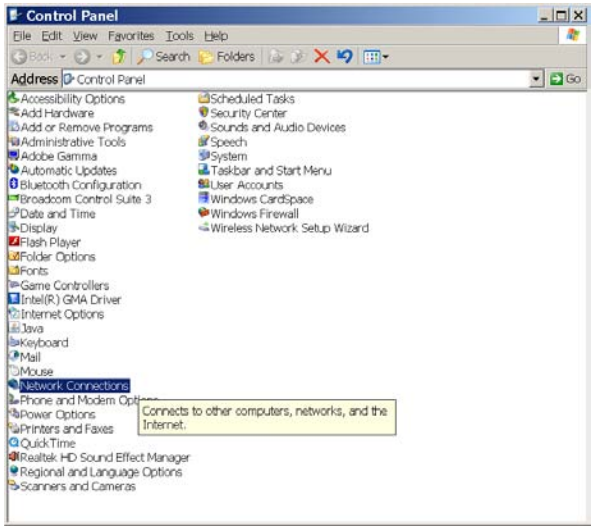
Medialink MWN-USB300N - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Medialink MWN-USB300N. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
MEDIALINK
InstallShield
< Back
Finish
Cancel

Chapter 3 How to use the Windows Built-in Wireless Configuration

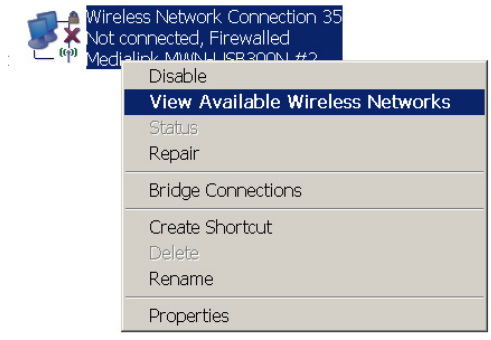
This chapter explains how to use Windows Built-in Wireless Configuration to connect to the wireless network .

3.1 Wireless Network Connection under Windows XP

1. Go to the Start menu and open the “Control Panel”.

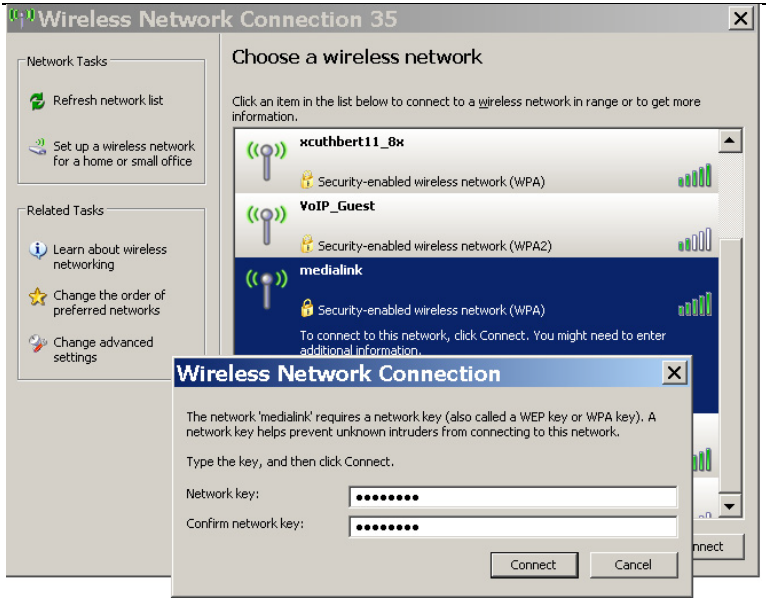


2. Double Click “Network Connections”. Then Right click “Wireless Network Connection” and select “View Available Wireless Networks” as shown below.



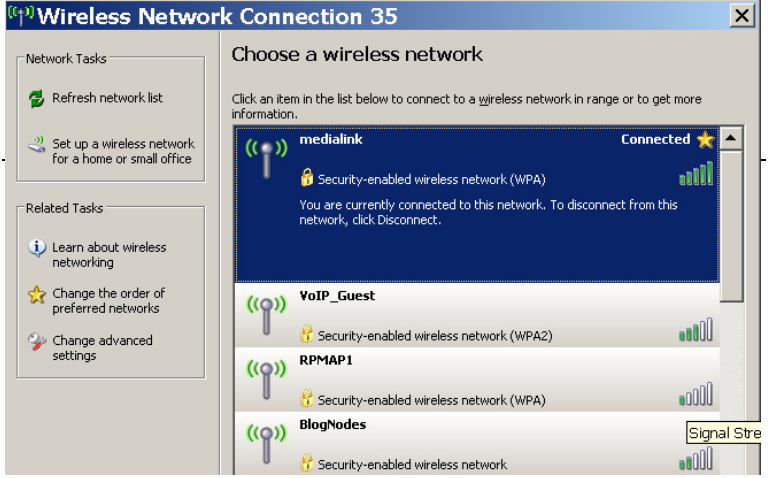
3. The currently scanned wireless networks will display on the screen. If the one you want to connect to has not been detected, click “Refresh Network List” to update the network list.

4. Select the wireless network you want to connect to, and click “Connect” or double click this wireless network. Input the key (aka Wireless Password, WEP Key, WPA Key or Network Key) in the key dialogue box and then type it again to confirm in the second input box. (the key input is case-sensitive) Then click “Connect”.

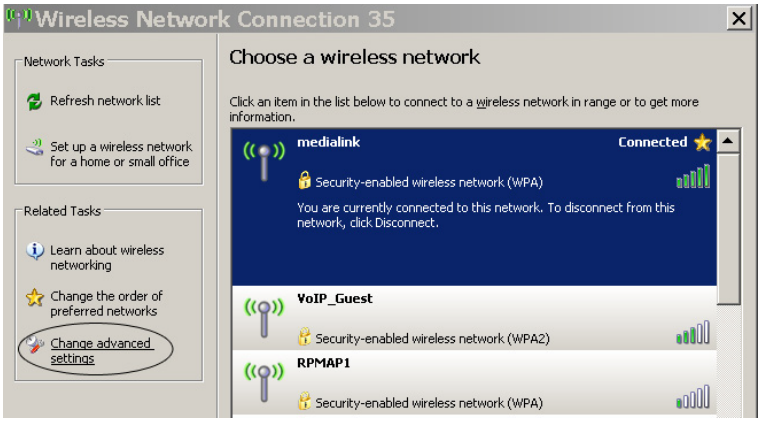

Wireless Network Connection 35
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
xcuthbert11_8x
Security-enabled wireless network (WPA)
VoIP_Guest
Security-enabled wireless network (WPA2)
medialink
Security-enabled wireless network (WPA)
To connect to this network, click Connect. You might need to enter additional information.
Wireless Network Connection
The network 'medialink' requires a network key (also called a WEP key or WPA key). A network key helps prevent unknown intruders from connecting to this network.
Type the key, and then click Connect.
Network key:
Confirm network key:
Connect
Cancel

NOTE: If the wireless device you are connecting to is not encrypted, the key dialogue box will not pop up.

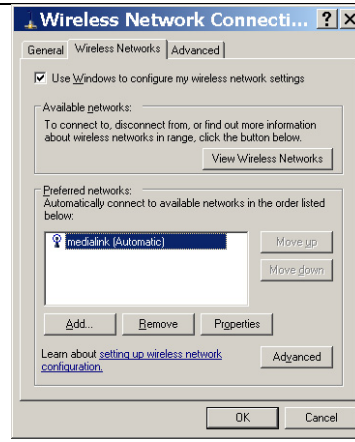
5. When it shows “Connected” as the picture below, then you can enjoy wireless access to the Internet.


Wireless Network Connection 35
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
medialink
Connected
Security-enabled wireless network (WPA)
You are currently connected to this network. To disconnect from this network, click Disconnect.
VoIP_Guest
Security-enabled wireless network (WPA2)
RPMAP1
Security-enabled wireless network (WPA)
BlogNodes
Security-enabled wireless network
Signal Stre

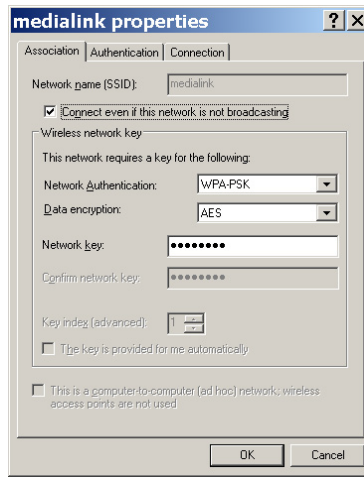
6. You can modify wireless network key from “Change advanced settings”.


Wireless Network Connection 35
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
medialink
Connected
Security-enabled wireless network (WPA)
You are currently connected to this network. To disconnect from this network, click Disconnect.
VoIP_Guest
Security-enabled wireless network (WPA2)
RPMAP1
Security-enabled wireless network (WPA)

7. Select “Wireless Networks” and choose the one you want to modify, and then click “Properties”.



8. Modify the key in the appearing dialogue box.



3.2 Wireless Network Connection under VISTA

1. Click the Start menu and then click “Connect to a Network”.

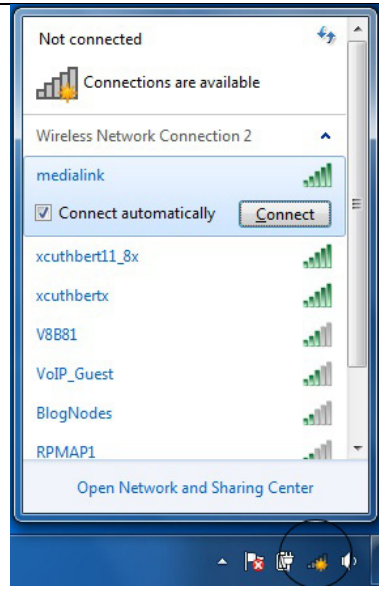
2 . Select the wireless network you wish to connect and click “Connect” or double click the wireless network to connect. Click the Refresh icon in the upper right corner to update the network list if you don’t find the specified wireless network.

3. If the wireless network that you are connecting has enabled security mode, you’ll be prompted to enter the network key. Click “Connect” after you enter the correct key.

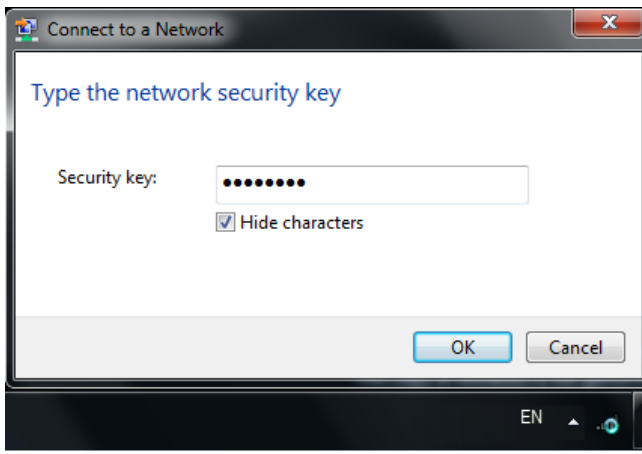
4. After you are successfully connected to the wireless network you can then access the Internet.

3.3 Wireless Network Connection under Windows 7

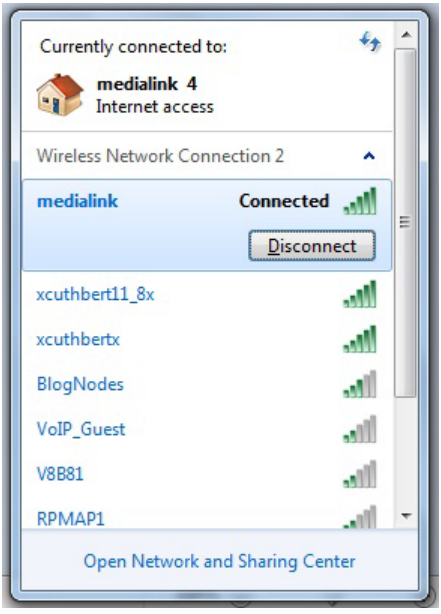
1. Click the wireless connection icon in the lower right corner of the computer’s desktop to view the available wireless networks. Select the wireless network you wish to connect and click “Connect” or double click the wireless network to connect. If you don’t find the specified one, please click the refresh icon in the upper right corner to update the list.



2. If the wireless network you are connecting is encrypted, you'll be prompted to enter the key. Click "Ok" after you enter the correct key.



3. It shows “Connected” after successfully connected. You can disconnect it, view its status or modify the wireless network properties by right click the wireless network



Appendix 1: Acronyms and Terms

WLAN Wireless Local Area Network

802.11 A family of specifications developed by the IEEE for WLAN technology.

802.11b An extension to 802.11 WLAN standard that provides up to 11 Mbps transmission in the 2.4 GHz ISM radio band. 802.11b uses DSSS modulation.

802.11g An extension to 802.11 WLAN standard that provides up to 54 Mbps transmission in the 2.4 GHz ISM radio band. 802.11b uses OFDM modulation and is backwards compatible with 802.11b.

802.11n higher transmission rate, supports Multi-Input Multi-Output(MIMO) technology.

WEP Wired Equivalent Privacy. A security protocol for WLANs defined in the IEEE 802.11 standard.

WPA Wireless Protected Access , adopts rotating keys.

ICS Microsoft Internet Connection Sharing enables multi-computer to share access to Internet via one PC.

Technical Support

- **Address:** Medialink Products, LLC. 1951 Old Cuthbert Rd. Ste 301 Cherry Hill, NJ 08034
- **Tel:** (856) 216 8222
- **Email:** sales@medialinkproducts.com
- **Technical Support:** support@medialinkproducts.com

Appendix 2: Regulatory Information

Eu Declaration or Declaration of Conformity

Hereby, MEDIALINK PRODUCTS, LLC. declares that this Wireless Adapter is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in

accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

"The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter."

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should

be installed and operated with the minimum distance of 20 cm. Operation is subject to the following two conditions:

1) This device may not cause interference and

2) This device must accept any interference, including interference that may cause undesired operation of the device.

Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.